PERVASIVE DATA QUALITY- FAQ

Last Modified Date: 12/16/2009
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GENERAL

What products are included in Informatica 9?

Informatica 9 brings significant new product releases and enhancement across Informatica’s data integration platform, including data quality, data integration, Informatica On-Demand, and beyond. The following are the major new releases:

- Informatica Data Quality 9.0 (IDQ 9.0)
- Informatica Data Explorer 9.0 (IDE 9.0)
- Informatica Data Explorer Advanced Edition 9.0 (IDE AE 9.0)
- Informatica Data Services 9.0 (IDS 9.0) - NEW
- Informatica Identity Resolution 9.0 (IIR 9.0)
- Informatica PowerCenter 9.0 (Standard, Advanced, and Real Time Editions)
- Informatica PowerExchange 9.0
- Informatica B2B Data Exchange 9.0

The naming of the user interface clients in Informatica 9 are:

- Informatica Analyst (Web browser based client for business analysts and data stewards)
- Informatica Developer (Eclipse based client for developers)
- Informatica Administrator (Web browser based client for administrators)
- Informatica PowerCenter client tools Designer, Repository Manager, Workflow Manager and Workflow Monitor

What is new in IDQ 9.0?

There are many new and important features in IDQ 9.0. Some of these features are:

- Browser role specific tools for data stewards – to support profiling, score carding, rule creation and rule validation
- IT developer environment with integrated profiling, cleansing and expanded transformations include some DI transformations
- Mid stream profiling
- Bi-directional sharing of rules created either by the data steward in the browser or the IT developer in the developer environment
- Improved support for reuse of rules
- Single global address validation engine for over 240 countries.

Can I upgrade from IDQ 8.6 to IDQ 9.0?

The upgrade from IDQ 8.6 to IDQ 9.0 is currently not possible. However, this feature will be provided in IDQ 9.0.1 which will be available to customers in 2010.
When upgrading to IDQ 9 will we lose any of the functionalities that are currently available in version 8.6?

When upgrading to IDQ 9 none of the functionalities will be lost. All functionality from the previous versions of Data Quality 8.6 will be ported to our new, user friendly, Eclipse platform for version 9.0. Users will now also have access to functionalities like advanced profiling that was previously only included in the Data Explorer product.

Is DQA available with IDQ 9?

Yes, it is installed as part of the IDQ 9.0 Server. You will be able to consolidate your data clusters and modify bad record data the way could do in IDQ 8.6. In IDQ 9, you can do this from within the Analyst Tool. The Analyst guide has more information on this.

Can IDQ be used to implement MDM solutions?

MDM is a process and not just technology. Many of our customers see Data Quality, Identity Resolution and data integration as the essential foundation for a successful MDM initiative. Some of our customers use elements of our platform to support the implementation of packaged MDM solutions, some of our partners who build packaged MDM solutions embed Informatica technology, and many of our customers assemble their own MDM solutions based on the Informatica platform. More information see, http://www.informatica.com/solutions/master_data_management/Pages/index.aspx.

How can Pervasive Data Quality help a compliance organization?

There are many benefits for roles responsible for compliance. For example:

- increase confidence in reporting for compliance
- easy to share data quality scorecards linked to compliance data
- reduced risk of fines based on timely and trusted data supported by centrally managed data quality services
- less time spent reconciling data for compliance reporting supported by common data governance standards across all applications.

INTEGRATION WITH POWERCENTER

In Informatica 9, is IDQ integrated with PowerCenter or is it still a separate add-on module as in the case of PowerCenter 8?

IDQ can be implemented as a ‘standalone’ data quality process or as part of a data integration process such as PowerCenter. From a licensing perspective, the IDQ package is licensed in either case. As in IDQ 8.6, you can export your IDQ mapping and import it as a mapplet in to PowerCenter for use in your Data Integration process.
Currently we use PowerCenter 8.6 without Data Quality. When upgrading to PowerCenter 9 without any license changes, will IDQ be available by default or should it be downloaded and installed or do we need to purchase it at additional cost?

Informatica Data Quality 9 is a separate product from PowerCenter 9, so it is also separately licensable. You can license it with your current PowerCenter instance and upgrade to Informatica 9.

If I install Informatica 9.0, will mapplets from IDQ 8.6 stop working within PowerCenter?

No, your mappings will not stop working. You will be able to run them within PowerCenter, however, you will not be able to export to the same PowerCenter repository from both IDQ 8.6 and IDQ 9.0 installations. This is because the IDQ 8.6 dlls will be overwritten by IDQ 9.0 dlls. You will only be able to import mapplets from IDQ 9.0 to this PowerCenter repository.

NEW IN GLOBAL ADDRESS VALIDATION (GAV) IN DATA QUALITY

Has Address Doctor been integrated into Informatica 9?

Address Doctor has been integrated with IDQ for several years now. The latest version of Address Doctor, version 5, is shipped with Informatica 9. To know more about Address Doctor 5, please visit [http://www.addressdoctor.com](http://www.addressdoctor.com).

What is the business strategy for IDQ with regards to foreign address cleansing?

Informatica Data Quality 9 includes Global Address Validation for over 240 countries and is based on AddressDoctor V5, which is now part of Informatica. Our strategy is to provide the Data Quality customers with the most comprehensive platform which includes the leading Global Address Validation capabilities. See, [http://www.addressdoctor.com](http://www.addressdoctor.com) to get an idea of the new capabilities of AddressDoctor all of which are built into Informatica Data Quality 9.

Is Melissa Data or any other address cleansing vendor supported with IDQ 9.0?

Address Doctor is now part of Informatica and therefore, it is the only address validating engine that is supported.
**PROFILING IN IDQ**

**Is IDE functionality (such as profiling, tagging etc.) now included in IDQ?**

IDQ now includes profiling as well as cleansing and capturing user notes associated with any profile. This profiling capability is available to business users through browsers and also available to IT developers as part of an Eclipse based development environment.

**Is profiling a tool or a service?**

Data profiling is a core data service within the version 9 platform. Profiling goes beyond data analysis against your enterprise data sources (files, tables, etc.), but can now be seamlessly leveraged with mappings (mid-stream profile), to validate data quality rules (rule profiling) and even consumed within data services.

**Can I profile Unicode data now in Informatica 9.0?**

Yes, you can now profile Unicode data in Data Explorer Advanced Edition 9.0. In IDE version 8.6, it was not possible to profile Unicode data.

**LOGICAL DATA OBJECTS IN INFORMATICA 9.0**

**What are Logical Data Objects in Informatica 9?**

In a Logical Data Object, data is organized in a way business sees it rather than the way it is organized in data sources. It consists of metadata used to describe the business view of data and their relationships:

- Keys, Attributes, Relationships, and so on
- Metadata is imported during model import

It is typically defined by Data Architects using an Entity Relationship (ER) modeling tool such as Erwin.

**Can logical data objects be considered as business objects (with associations and collections) or is this ‘just’ an encapsulated data source?**

Logical data objects are much more than the encapsulated data sources. You can include transformations (including Data Quality transformations) to create the logical data objects. A Lookup transformation is an 'association' with another object, and the federated logical object is a 'collection' of other objects that have relations/association between them.

A data object model can contain multiple data objects that have relationships amongst
them. In addition, you can layer data objects within each other to create complex and advanced encapsulations. For each data object, either a read mapping or write mapping can be constructed. It will describe how a data object is to be queried or persisted. These mappings can involve advanced transformations including that of Data Quality on top of one or more heterogeneous physical data sources.

**CONNECTIVITY FROM SAP AND BO OBJECTS**

**Is it possible to import logical models from BO like - Universe into Informatica and build logical data model from it?**

Yes, you can import models from popular modeling tools into Informatica 9 to create logical data objects. You can then use reporting tools such as BO to view and analyze data using Informatica Data Services. In addition, Informatica's SOA based Data Services insulate BI reports and applications from underlying data source changes and enable you to include data quality and transformation rules through federation, web services, and batch ETL processes.